

Maine Department of Transportation Approved Product List
GEOTEXTILES FOR HIGHWAY APPLICATIONS
Meeting Standard Specification Revision of December 200, Sections 620 722

Manufacturer/Supplier <i>List of Specified Products</i>	722.01 Stabilization/ Reinforcement Geotextile	722.02 Drainage Geotextile	722.03 Erosion Control Geotextile		722.04 Separation Geotextile	Silt Fence (AASHTO M-288)
			CLASS 1	CLASS 2		
Advanced Drainage Systems, Inc. Columbus, OH 43221 (614) 538-5254						
351 (NW-P)						S
501 (NW-P)						U
Geotex 601 (NW)		■			■	
Geotex 801 (NW)	■		■			
Geotex 104F (W/M)		■		■		
Geotex 250ST (W/SF)					■	
Geotex 315ST (W/SF)	■					
Geotex 915SC (W/SF)						S,U
American Engineering Fabrics New Bedford, MA (508) 993-9622						
AEF 680 HS (NW)		■				
AEF 880 (NW)	■					
Amoco Fabrics & Fibers Company Austell, GA 30168 (800) 445-7732						
Propex 1198 (W)						S
ProPex 1199 (W)		■	■ ^{f m}			
PropEx 2004 (W)					■	
ProPex 2006 (W)	■					
ProPex 2019 (W)		■ ^{f m}	■ ^{f m}			
ProPex 2127 (W)						S
ProPex 2130 (W)						US2
ProPex 2132 (W)						S
ProPex 4551 (NW-P)		■		■	■	
ProPex 4553 (NW-P)	■		■			
275EX (NW)	■	■	■		■	
350EX (NW)	■	■	■		■	
Belton Industries, Inc. Belton, SC 29627 (800) 845-8753						
Beltech 810 (W-SF) Orange						S
Beltech 315, Style 883 (W-SF)	■					
Beltech 940 (W-SF)						S,U
Beltech 250, Style 982 (W-SF)					■	

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DGI Industries Hooksett, NH 03106 (888) 745-8344						
ME21303614						■
PP19036						■
PP213036						■
KINTEX Industries, LLC Summerville, SC 29483 (800) 626-0454						
DuPont SF 49 (NW)		■			■	
DuPont SF 65 (NW)	■					
ExTex 60 (NW)		■		■		
ExTex 80 (NW)	■		■			
WevTex 120 (W)						■
WevTex 315 (W)	■					
LINQ Industrial Fabrics, Inc. Summerville, SC 29483-9699 (843) 875-8277						
GTF 190 (W) (Silt Fence)						S,U
GTF 250 (W)					■	
GTF 300 (W)	■				■	
GTF 400E (W)		■ ^{f m}		■ ^{f m}		
150EX (NW)		■			■	
160EX (NW)		■			■	
180EX (NW)	■	■	■		■	
225EX (NW)	■	■	■		■	
250EX (NW)	■	■	■		■	
275EX (NW)	■	■	■		■	
350EX (NW)	■	■	■		■	
Mirafi Construction Products Pendergrass, GA 30567 (800) 685-9990						
140NL (NW)						U
160N (NW-P)		■			■	
180N (NW-P)	■		■			
100X (W) (Silt Fence)						U
600X (W/SF)	■				■	
Filterweave 404 (W)		■ ^c	■ ^c	■ ^c		
Filterweave 700 (W)		■ ^{f m}		■ ^{f m}		

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SKAPS Industries Pendergrass, GA 30567 (706) 693-3440						
<i>GT160 (NW)</i>		■			■	
<i>GT180 (NW)</i>	■		■			
<i>W315 (W)</i>	■					
SI Geosolutions Chatanooga, TN 37416 (800) 621-0444						
<i>351 (NW-P)</i>						S
<i>501 (NW-P)</i>						U1.2
<i>Geotex 601 (NW)</i>		■			■	
<i>Geotex 801 (NW)</i>	■		■			
<i>Geotex 104F (W/M)</i>		■		■		
<i>Geotex 250ST (W/SF)</i>					■	
<i>Geotex 315ST (W/SF)</i>	■					
<i>Geotex 915SC (W/SF)</i>						S,US2
WEBTEC, INC. Charlotte, NC 28219 (800) 438-0027						
<i>TerraTex HD (W/SF)</i>	■					
<i>TerraTex EP (W/M)</i>				■		
<i>TerraTex N06 (NW)</i>		■				
<i>TerraTex N07 (NW)</i>		■				
<i>TerraTex N08 (NW)</i>	■	■	■			
<i>TerraTex N10 (NW)</i>	■	■	■			
<i>TerraTex N12 (NW)</i>	■	■	■			
<i>TerraTex N16 (NW)</i>	■	■	■			

LEGEND: (W)=Woven, (NW)=Non woven, (P)=Needle punched, (SF)=Slit Film.

GENERAL NOTES: Geotextiles are generally polypropylene unless otherwise noted, for example: polyester=PET. Non woven fabrics typically have elongation properties equal to or greater than 50%, while woven fabrics have typically less than 50% elongation. Please contact vendor for specific properties.
Fabrics whose use is limited by soil conditions are note above as: *f(fine)* =>50%, *m(medium)* =15%-50%, *c(coarse)* =<15% In-Situ Passing #200 sieve

Silt Fence Notes: S=must be Supported with a mesh and 1.2 m post spacing, US1.2=may be used Unsupported with a 1.2 m post spacing, US2=may be used unsupported with a 2 m post spacing. Listed items meets AASHTO's Geotextile Specification for Highway Applications M-288-00, Section 8, "Temporary Silt Fence Requirements".

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Geotextile Certification Requirements:

For Contractors: The contractor shall provide to the engineer a certificate stating the name of the manufacturer, product name, style number, chemical composition of the filaments or yarns, and other pertinent information to fully describe the geotextile.

For Manufacturers: The manufacturer is responsible for establishing and maintaining a quality control program to assure compliance with the requirements of the Specification. Documentation describing the quality control program shall be made available upon request. The manufacturer's certificate shall state that furnished geotextile meets minimum average roll value (MARV) requirements of the specification as evaluated under the manufacturer's quality control program. A person having legal authority to bind the manufacturer shall attest to this certificate. Mislabeling or misrepresentation of materials shall be grounds for rejection of those products.

Shipment and Storage:

Labeling, shipment, and storage shall conform to ASTM 4873. Product labels shall clearly show the manufacturer or supplier name, style name, and roll number. Each shipping document shall include a notation certifying that the material is in accordance with the manufacturer's certificate. Each roll shall be wrapped with a material that will protect the geotextile, including the ends of the roll, from damage due to shipment, water, sunlight, and contaminants. The protective wrapping shall be maintained during periods of shipment and storage. Stored rolls shall be kept well elevated off the ground and adequately covered to protect them from the following: site construction damage, precipitation, extended ultraviolet radiation including sunlight, chemicals that are strong acids or strong bases, flames including welding sparks, temperatures in excess of 71°C (160°F), and any other environmental condition that may damage the physical property values of the geotextile

Construction and Installation:

Atmospheric exposure of geotextiles to the elements following lay down shall be a maximum of 5 days to minimize damage potential. If a sewn seam is to be used for the seaming of the geotextile, the thread used shall consist of high strength, Kevlar aramid, polyethylene, polyester, or polypropylene and shall have the same or greater durability as the geosynthetic being seamed. Nylon thread shall not be used. For erosion control applications, the thread shall also be resistant to ultraviolet radiation. The thread shall be of contrasting color to that of the geotextiles itself. For seams sewn in the field, the contractor shall submit the seam assembly description along with the sample of the seam, see Standard Specification 620.04 for particulars. The description shall include the seam type, stitch type, sewing thread, and stitch density. To facilitate inspection all seams shall be placed with the seam up so that repairs can easily be made if faulty seams are encountered during inspection, as shown on the Standard Detail.